

Fig. 1A

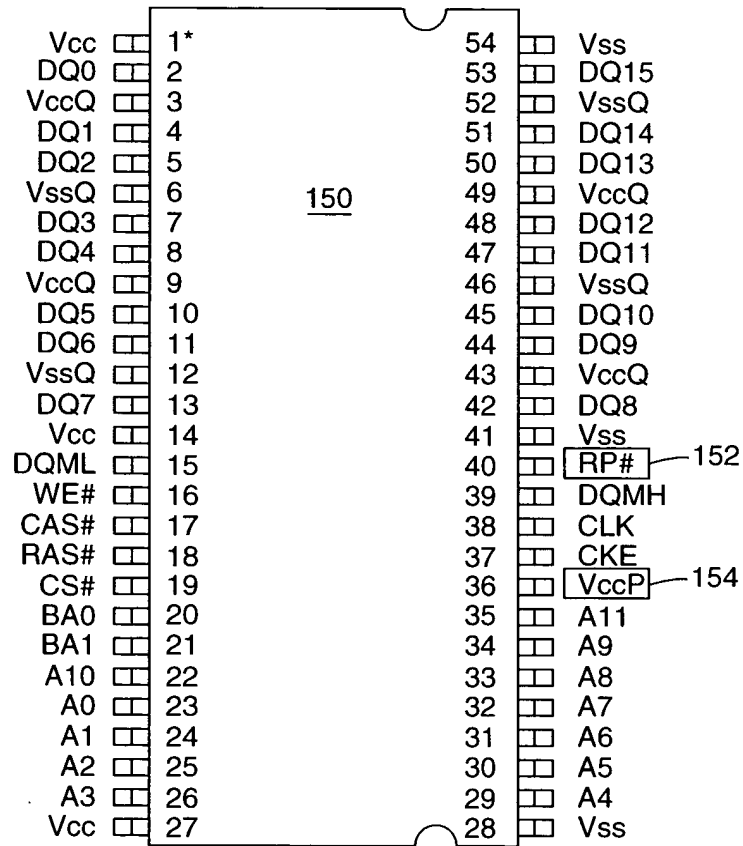


Fig. 1B

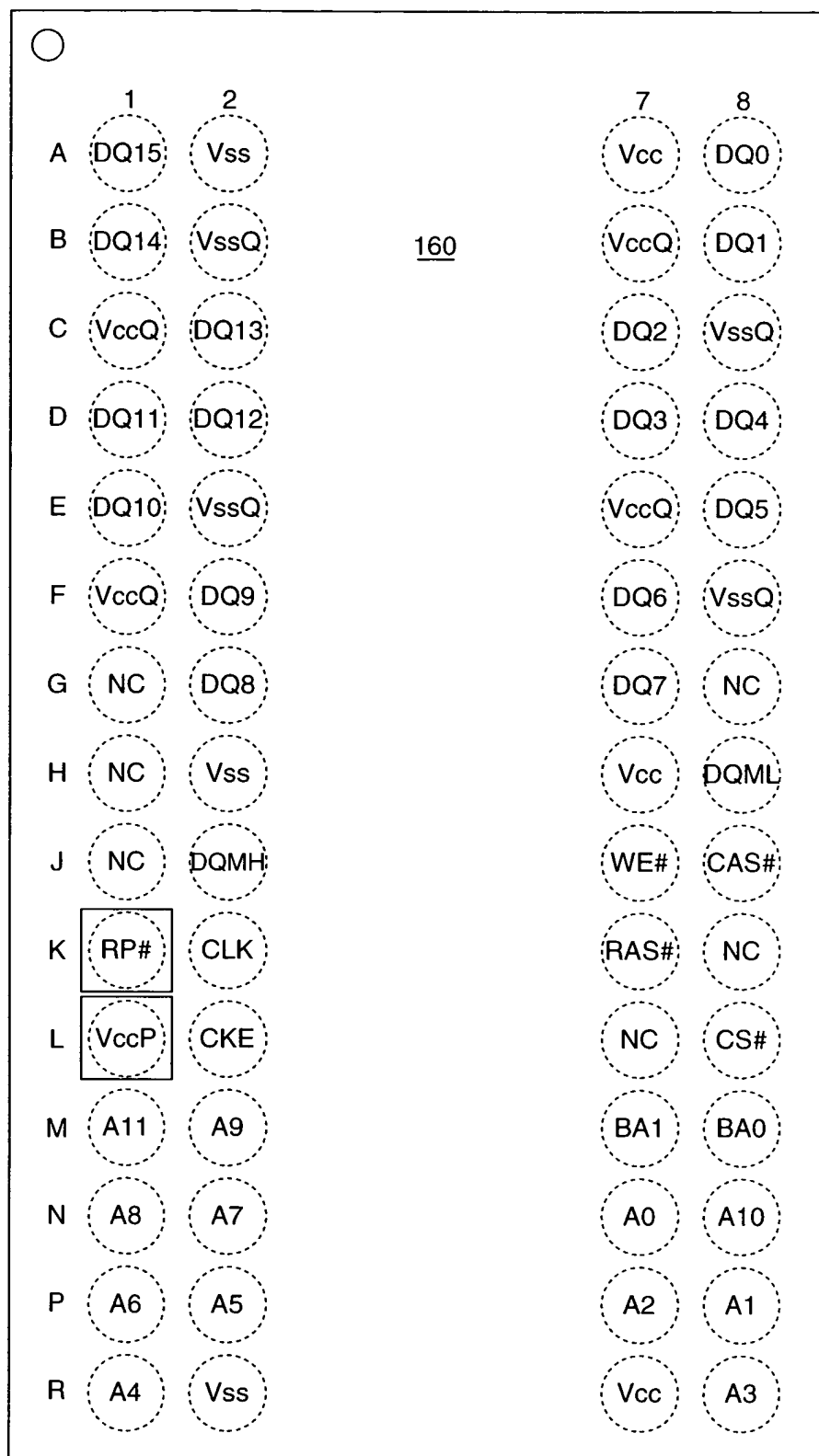
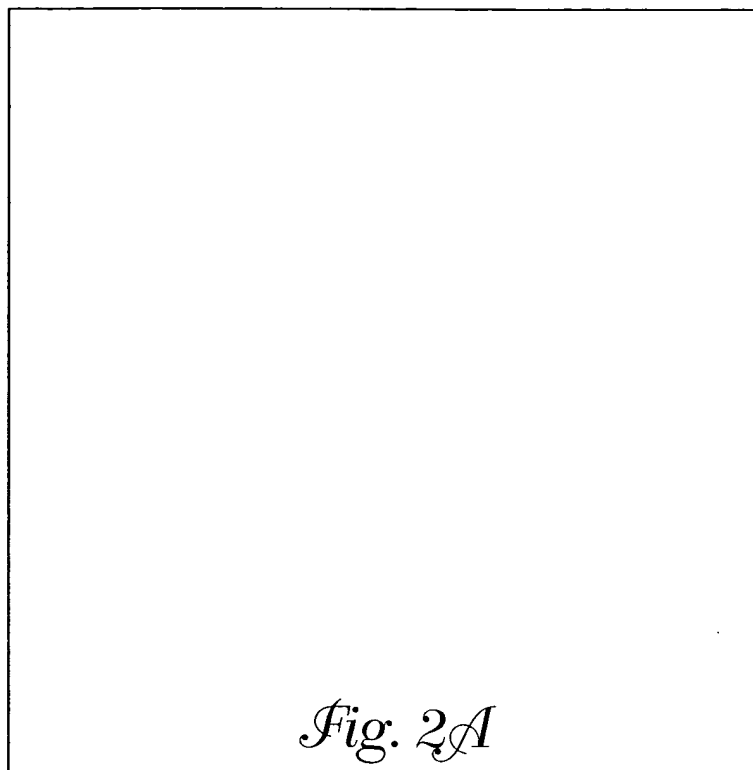
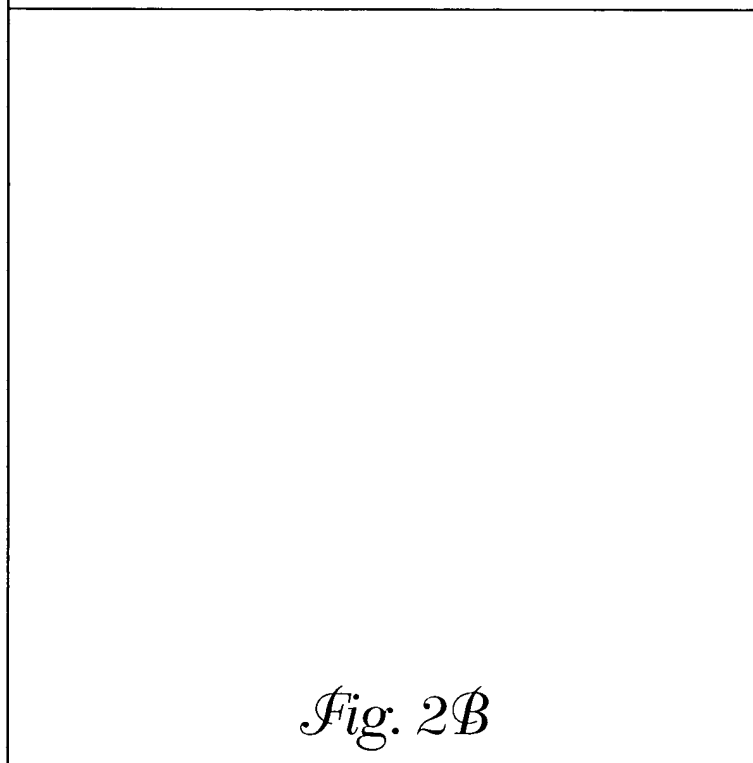


Fig. 1C

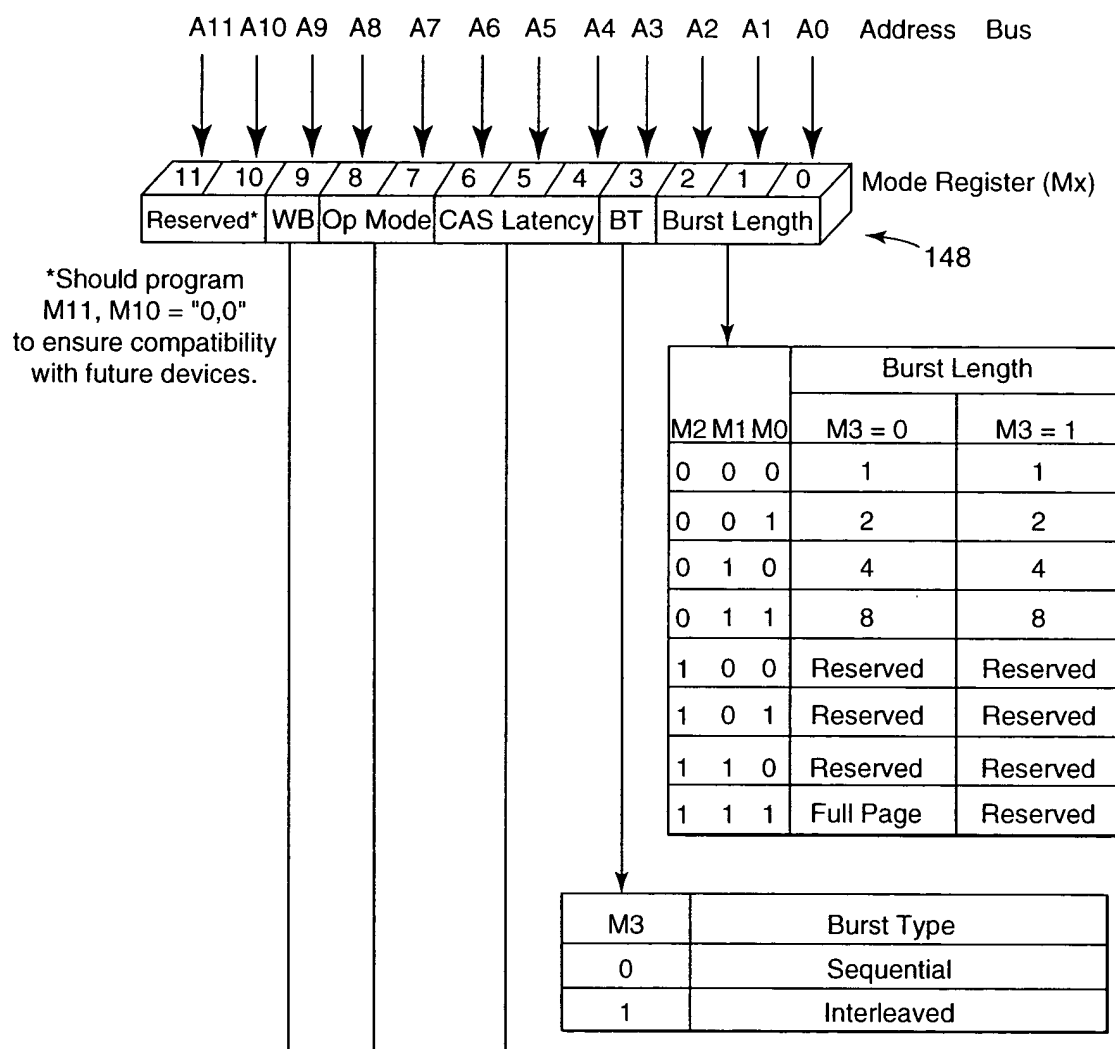


*Fig. 2A*

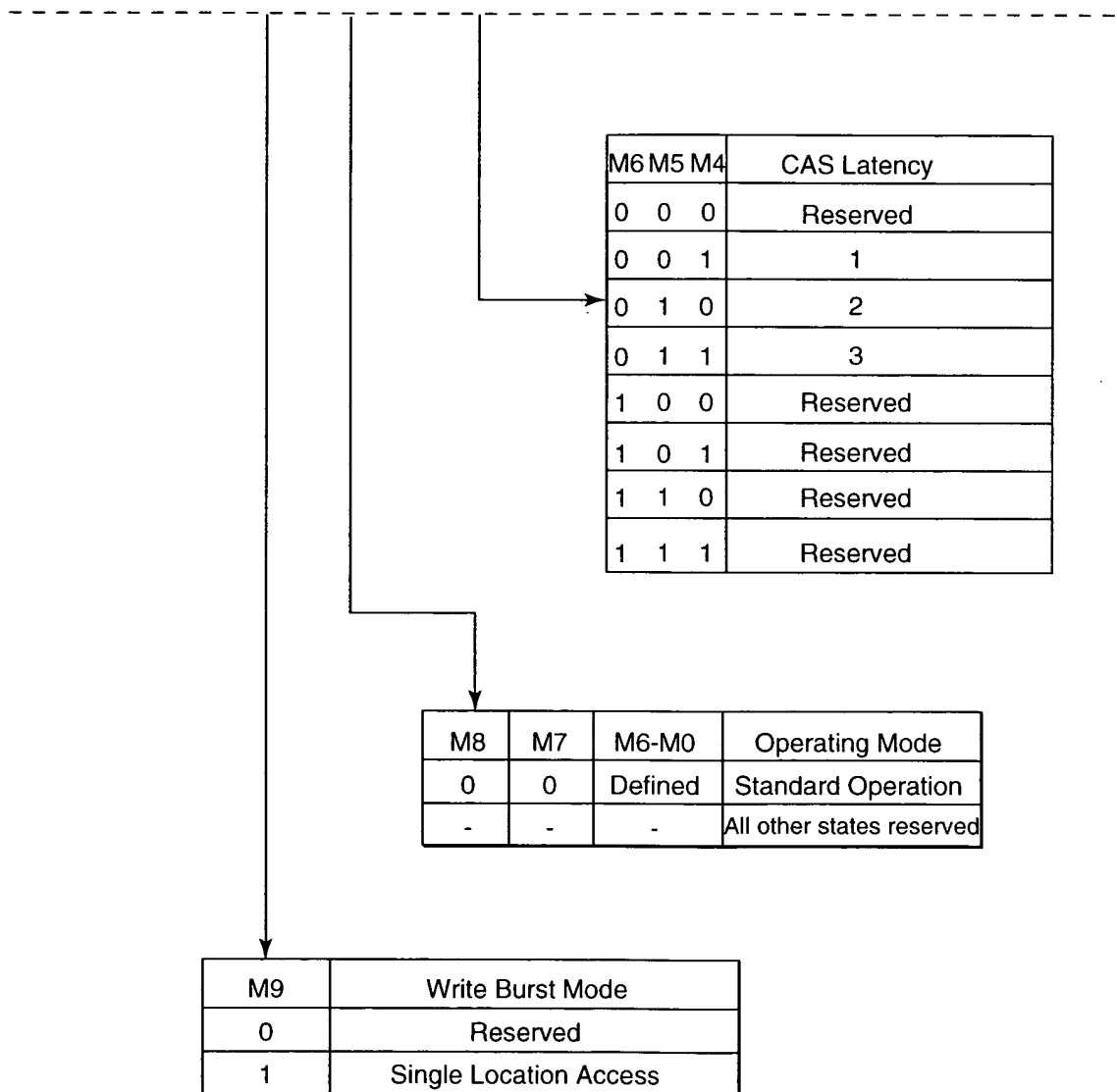


*Fig. 2B*

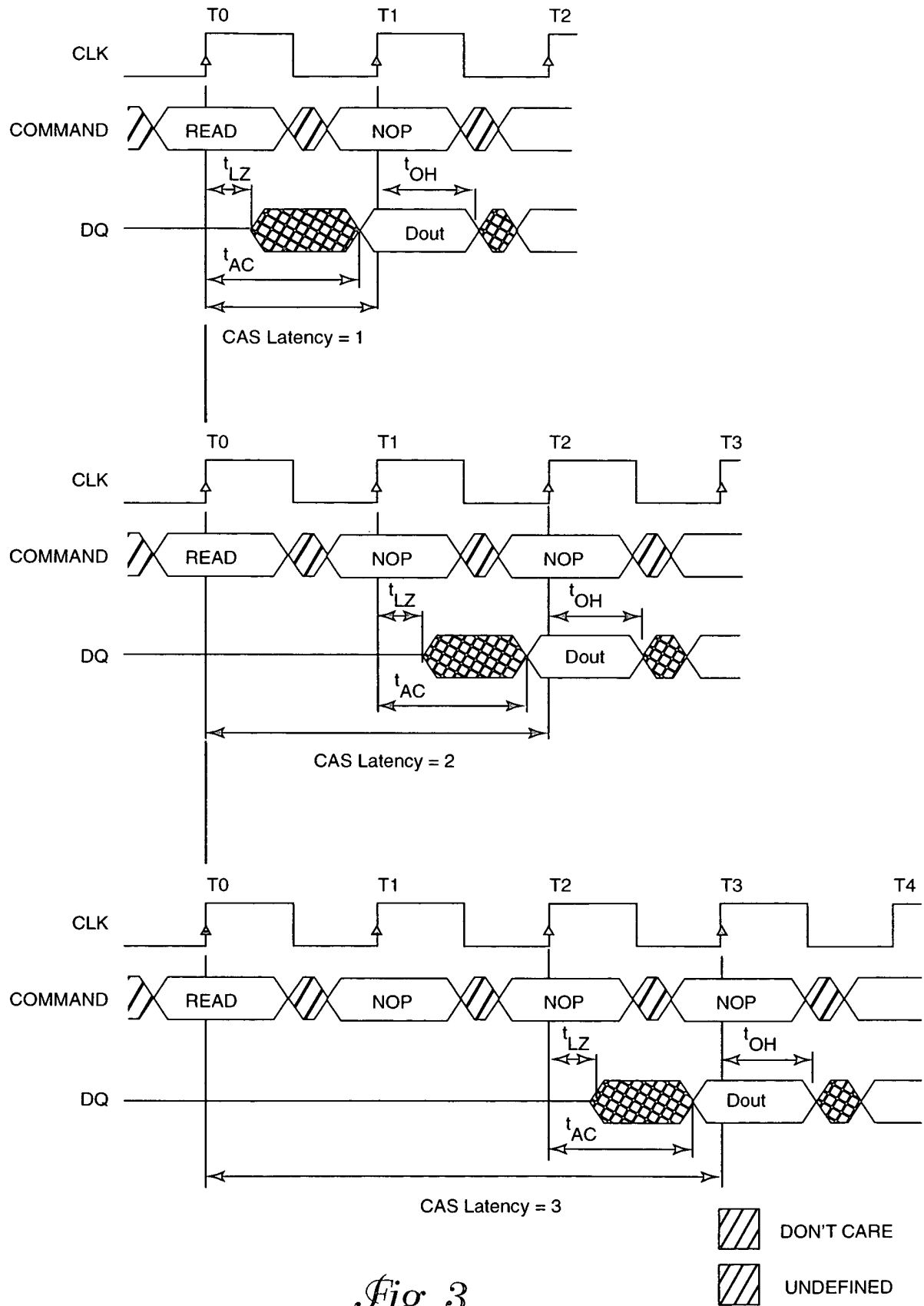
*Fig. 2*



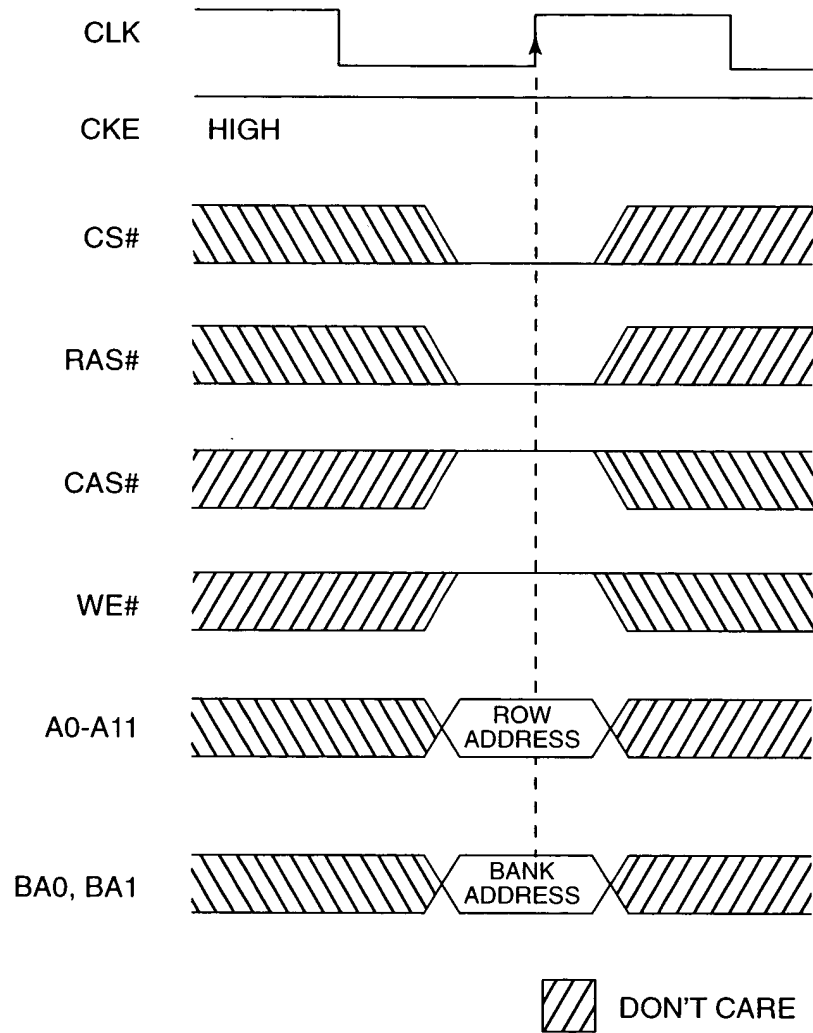
*Fig. 2A*

*Fig. 2B*

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*Fig. 3*

*Fig. 4*



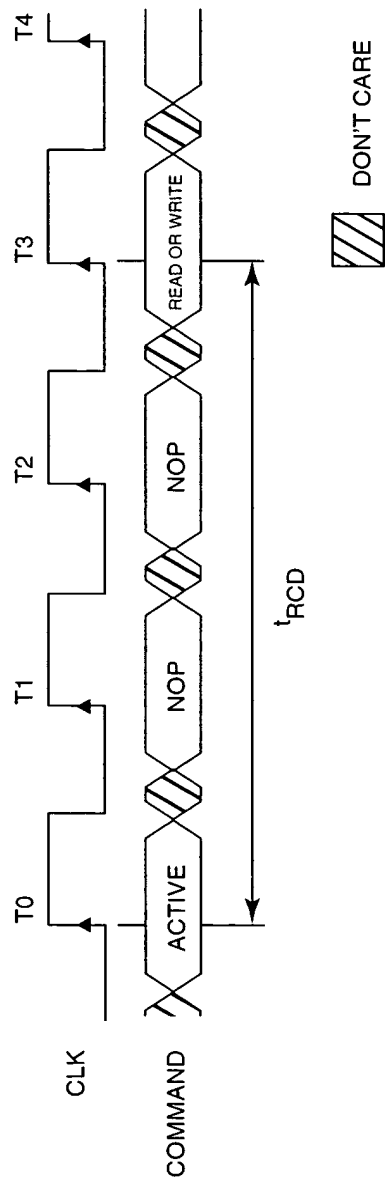
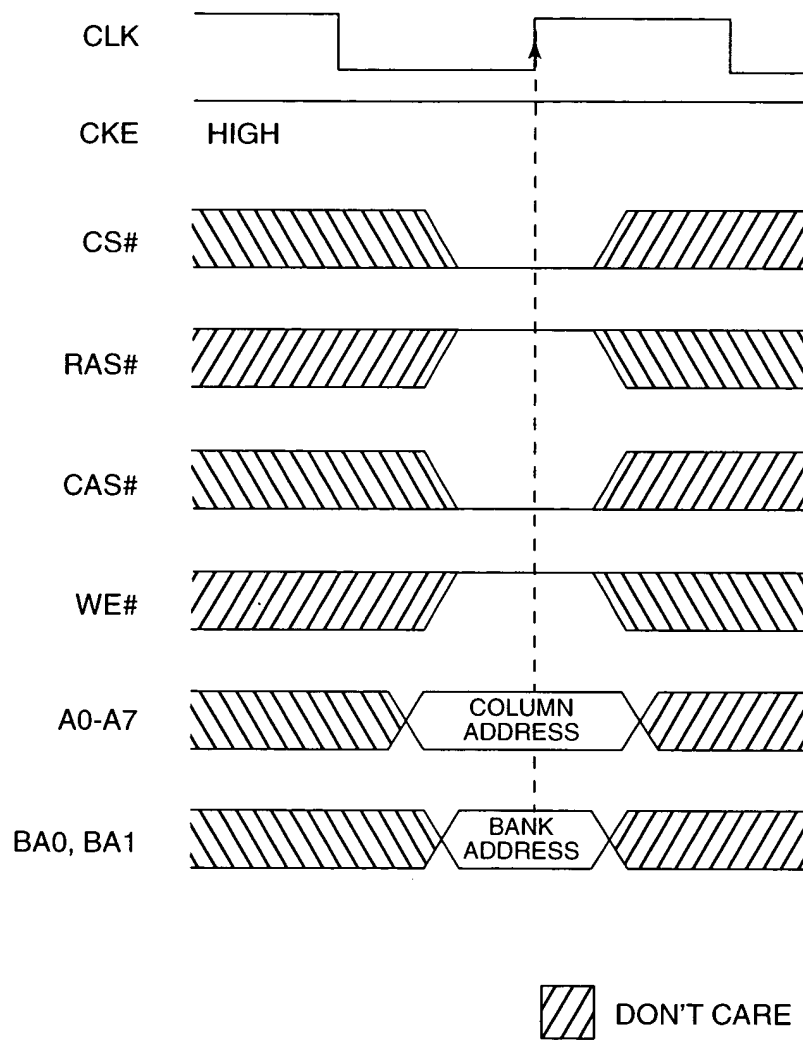
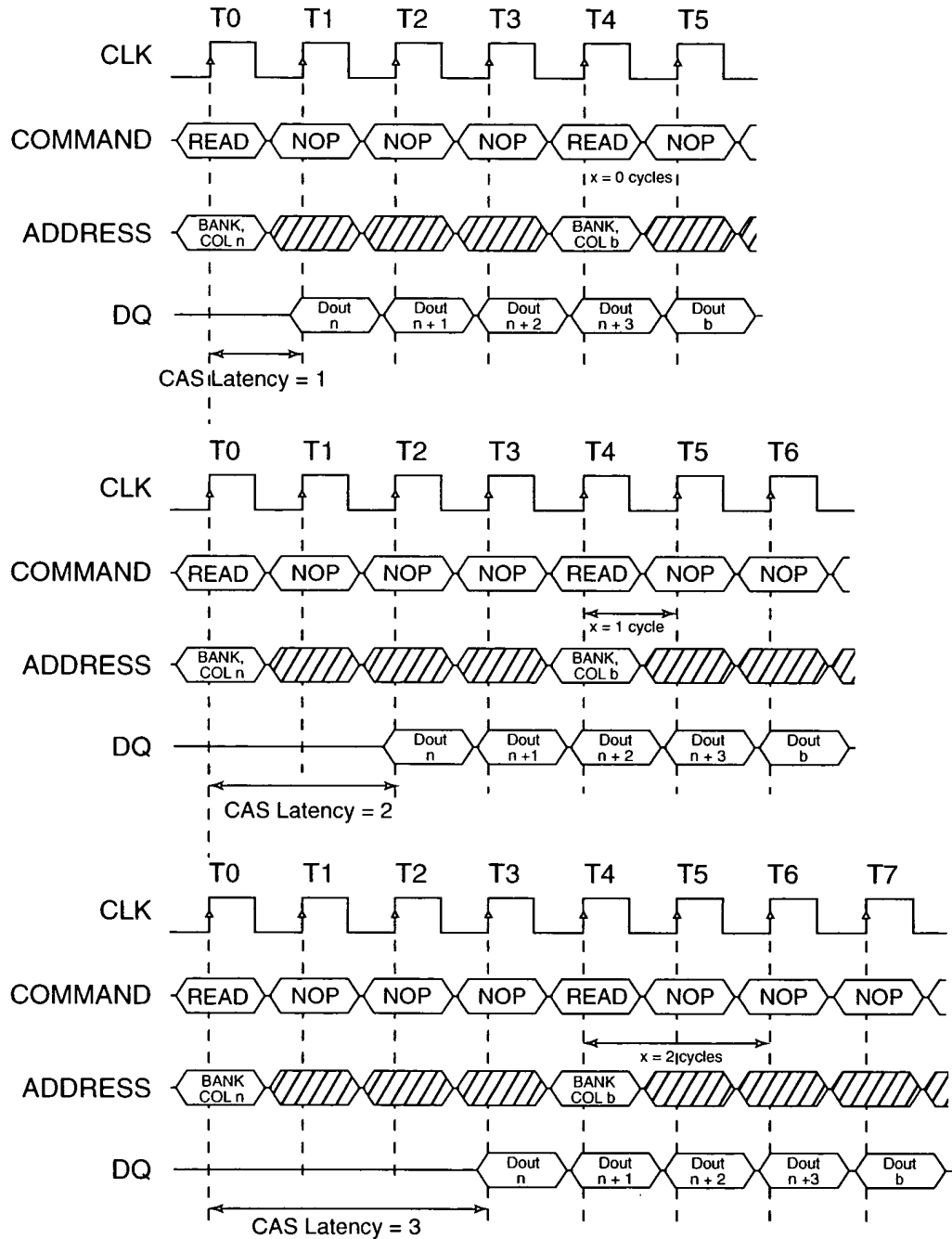


Fig. 5

*Fig. 6*



 DON'T CARE

NOTE: Each READ command may be to either bank. DQM is LOW.

*Fig. 7*

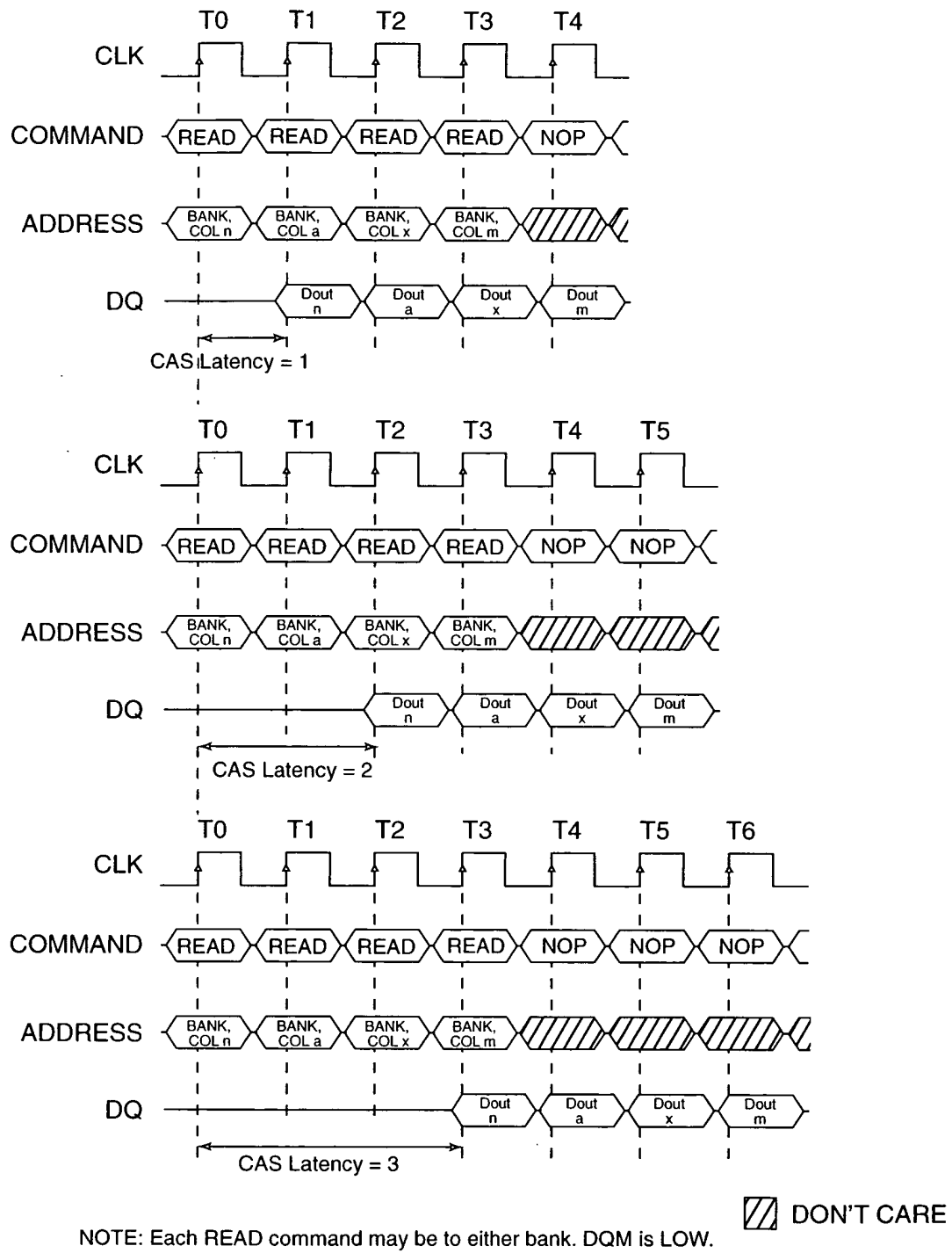
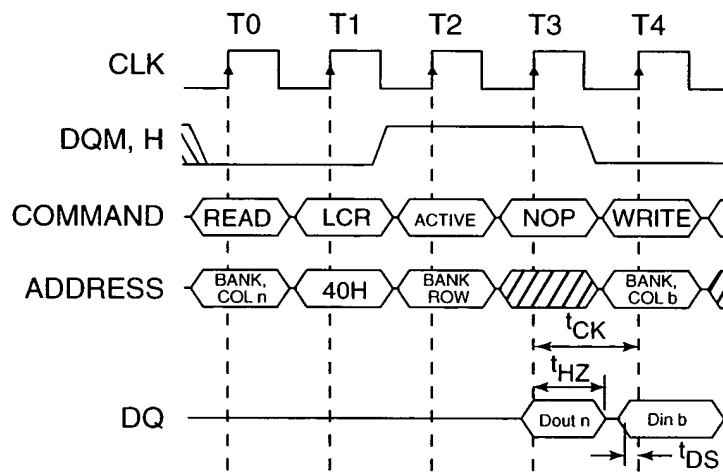


Fig. 8



NOTE: A CAS latency of three is used for illustration. The READ command may be to any bank, and the WRITE command may be to any bank. If a CAS latency of one is used, then DQM is not required.

 DON'T CARE

*Fig. 9*

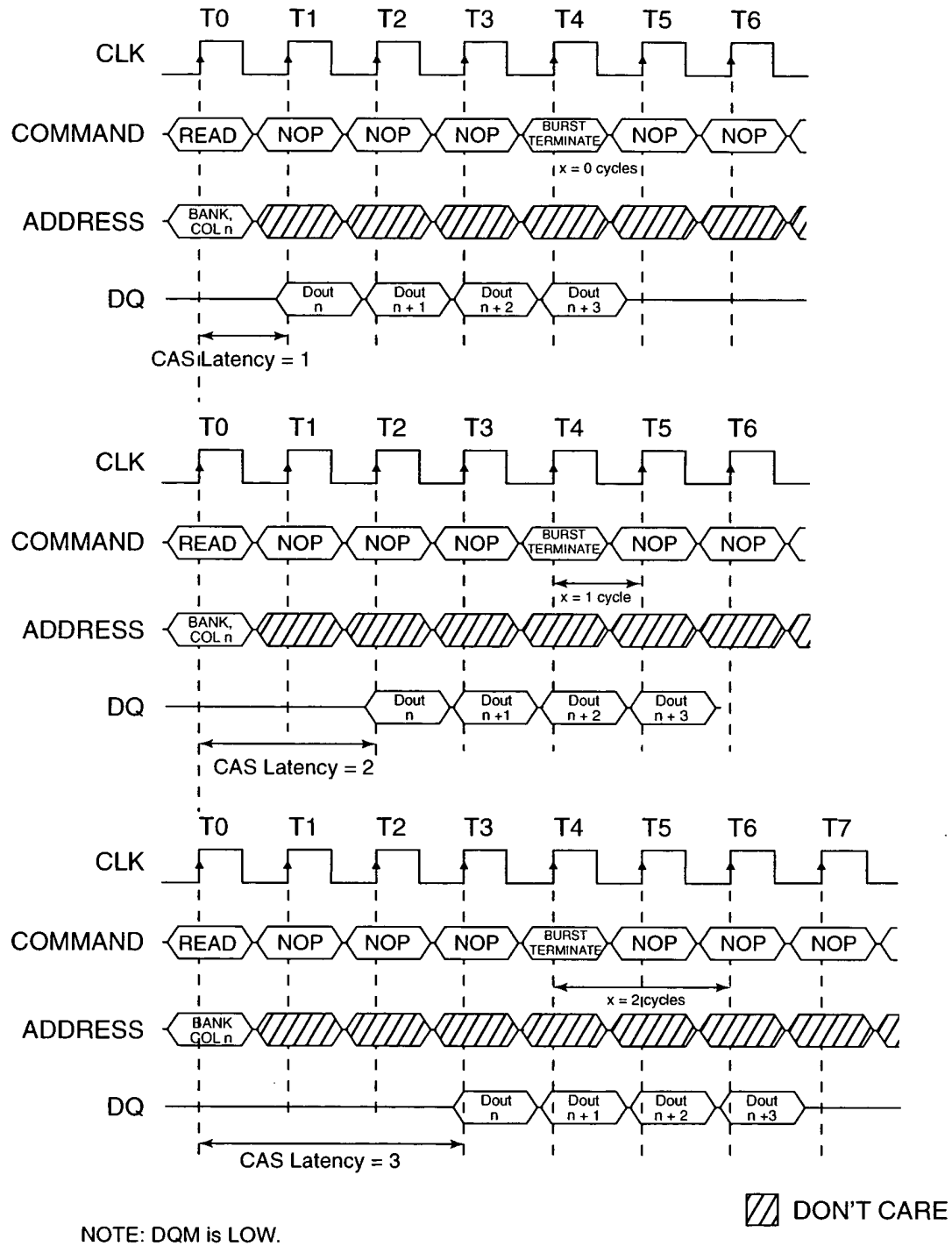
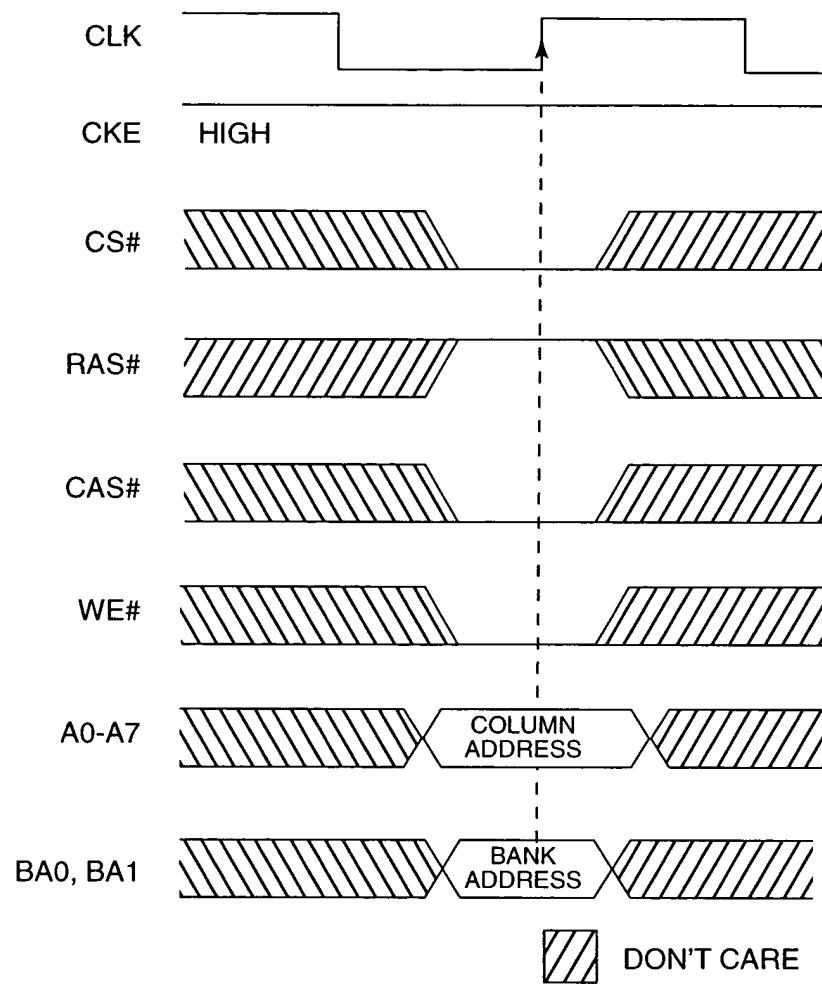
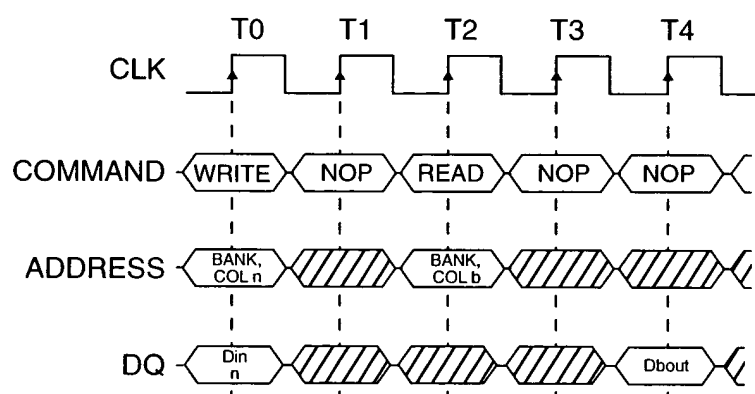


Fig. 10

*Fig. 11*



NOTE: A CAS latency of two is used for illustration. The WRITE command may be to any bank and the READ command may be to any bank. DQM is LOW. A READ to the bank undergoing the WRITE ISM operation may output invalid data. For more details, refer to Truth Tables 4 and 5.

 DON'T CARE

*Fig. 12*



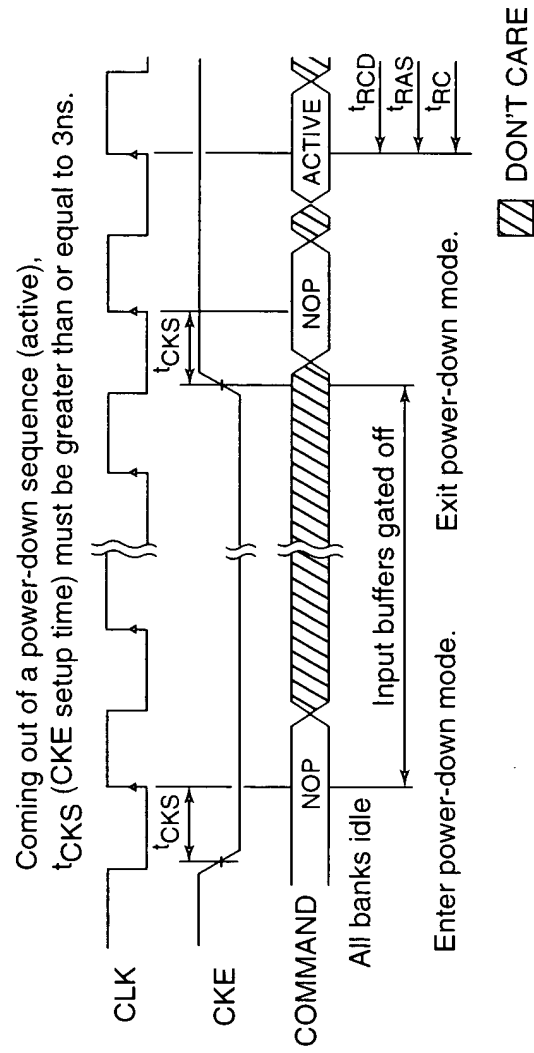


Fig. 13

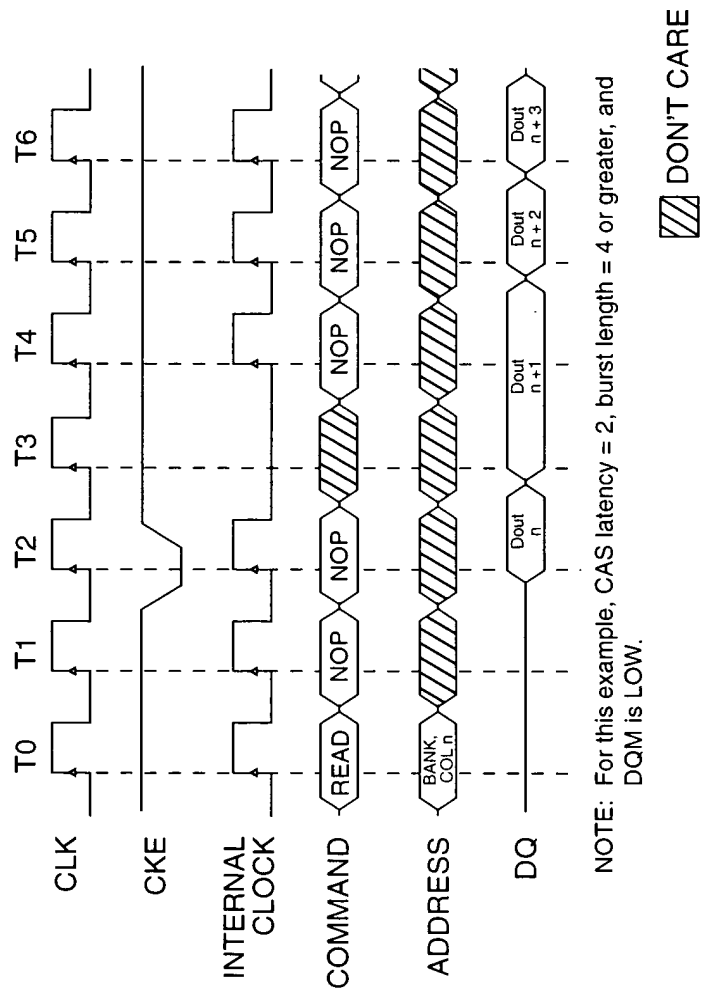




Fig. 14

ADDRESS RANGE

	Bank	Row	Column		
Bank 3	3	FFF	FFH	256K-Word Block	15
	3	C00	00H		
	3	BFF	FFH	256K-Word Block	14
	3	800	00H		
	3	7FF	FFH	256K-Word Block	13
	3	400	00H		
Bank 2	3	3FF	FFH	256K-Word Block	12
	3	000	00H		
	2	FFF	FFH	256K-Word Block	11
	2	C00	00H		
	2	BFF	FFH	256K-Word Block	10
	2	800	00H		
Bank 1	2	7FF	FFH	256K-Word Block	9
	2	400	00H		
	2	3FF	FFH	256K-Word Block	8
	2	000	00H		
	1	FFF	FFH	256K-Word Block	7
	1	C00	00H		
Bank 0	1	BFF	FFH	256K-Word Block	6
	1	800	00H		
	1	7FF	FFH	256K-Word Block	5
	1	400	00H		
	1	3FF	FFH	256K-Word Block	4
	1	000	00H		
Bank 0	0	FFF	FFH	256K-Word Block	3
	0	C00	00H		
	0	BFF	FFH	256K-Word Block	2
	0	800	00H		
	0	7FF	FFH	256K-Word Block	1
	0	400	00H		
	0	3FF	FFH	256K-Word Block	0
	0	000	00H		

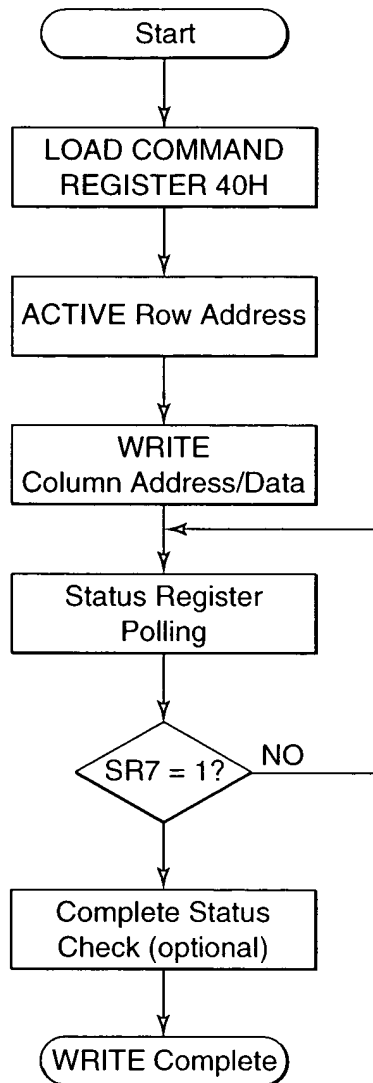
Word-wide (x16)

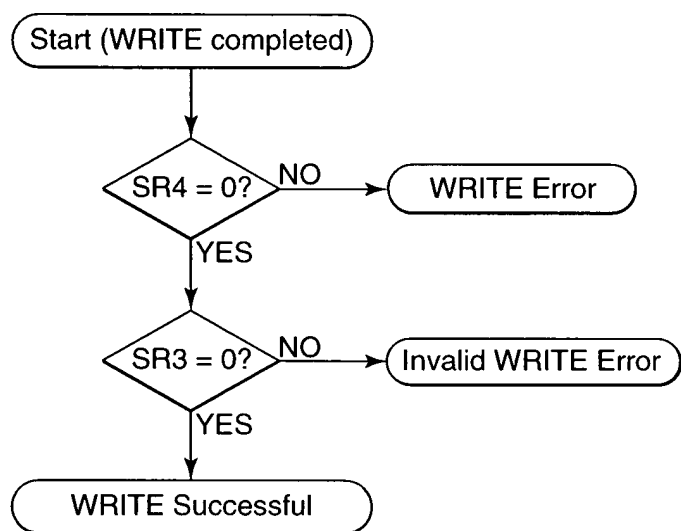
 Software Lock = Hardware-Lock Sectors  
RP# = V<sub>HH</sub> to unprotect if either the  
block protect or device protect bit is set.

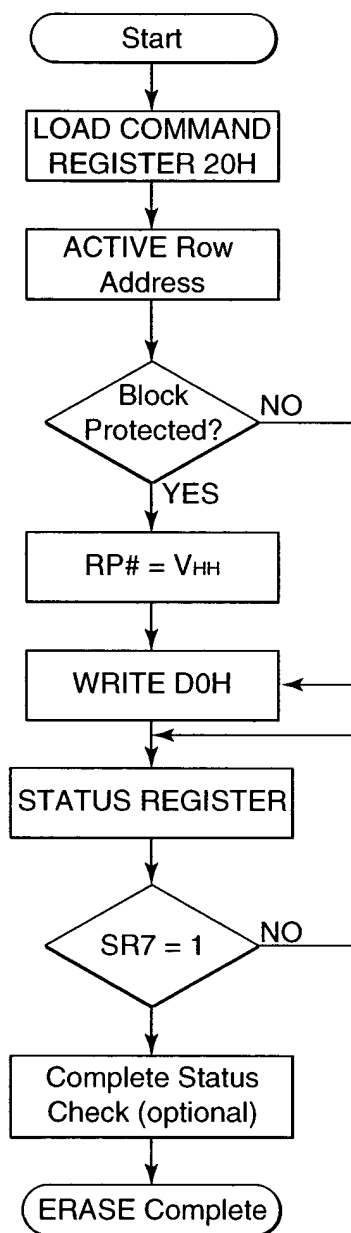
 Software Lock = Hardware-Lock Sectors  
RP# = V<sub>ccto</sub> to unprotect but must be V<sub>HH</sub>  
if the device protect bit is set.

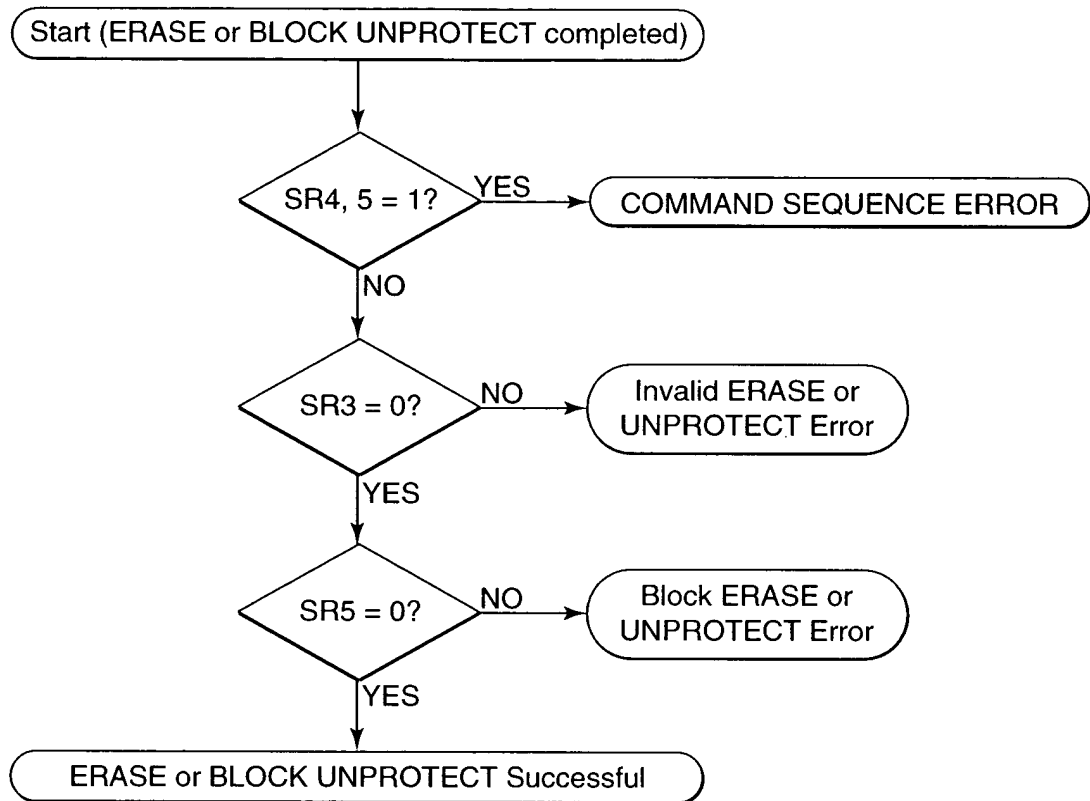
See BLOCK PROTECT/UNPROTECT SEQUENCE for  
detailed information.

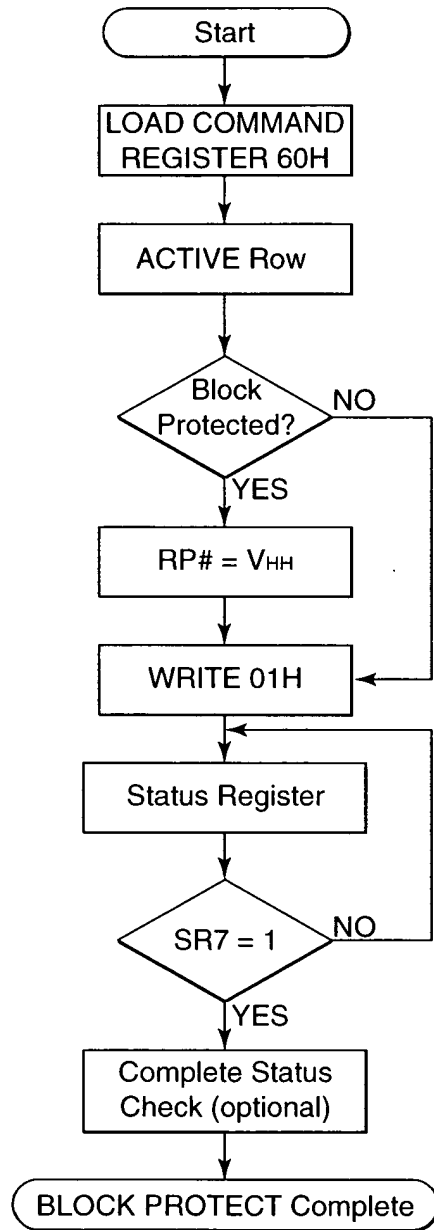
*Fig. 15*

*Fig. 16*

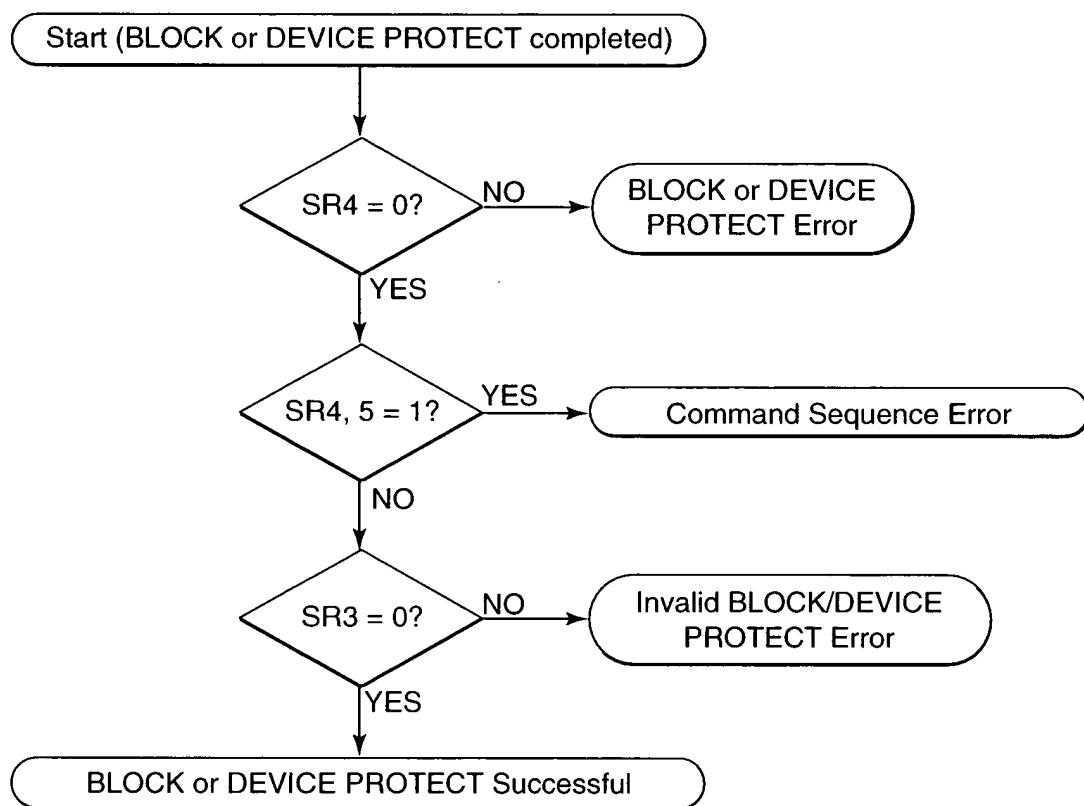
*Fig. 17*

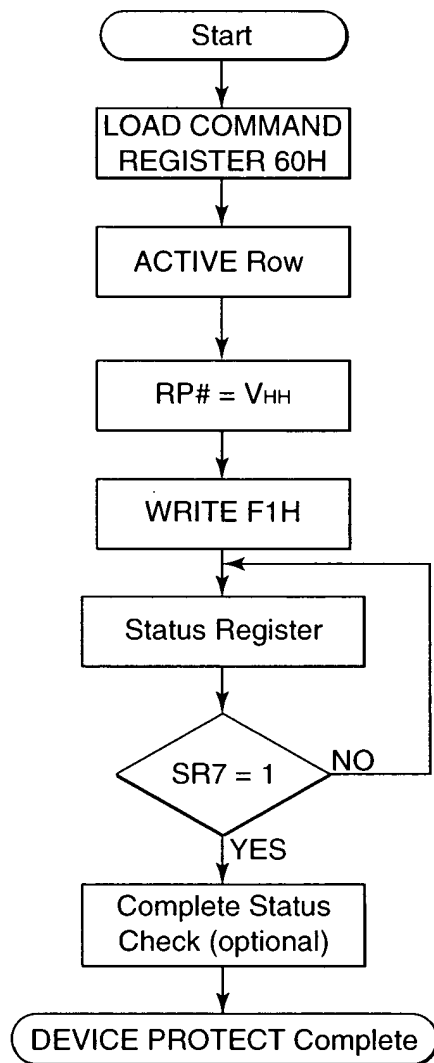
*Fig. 18*

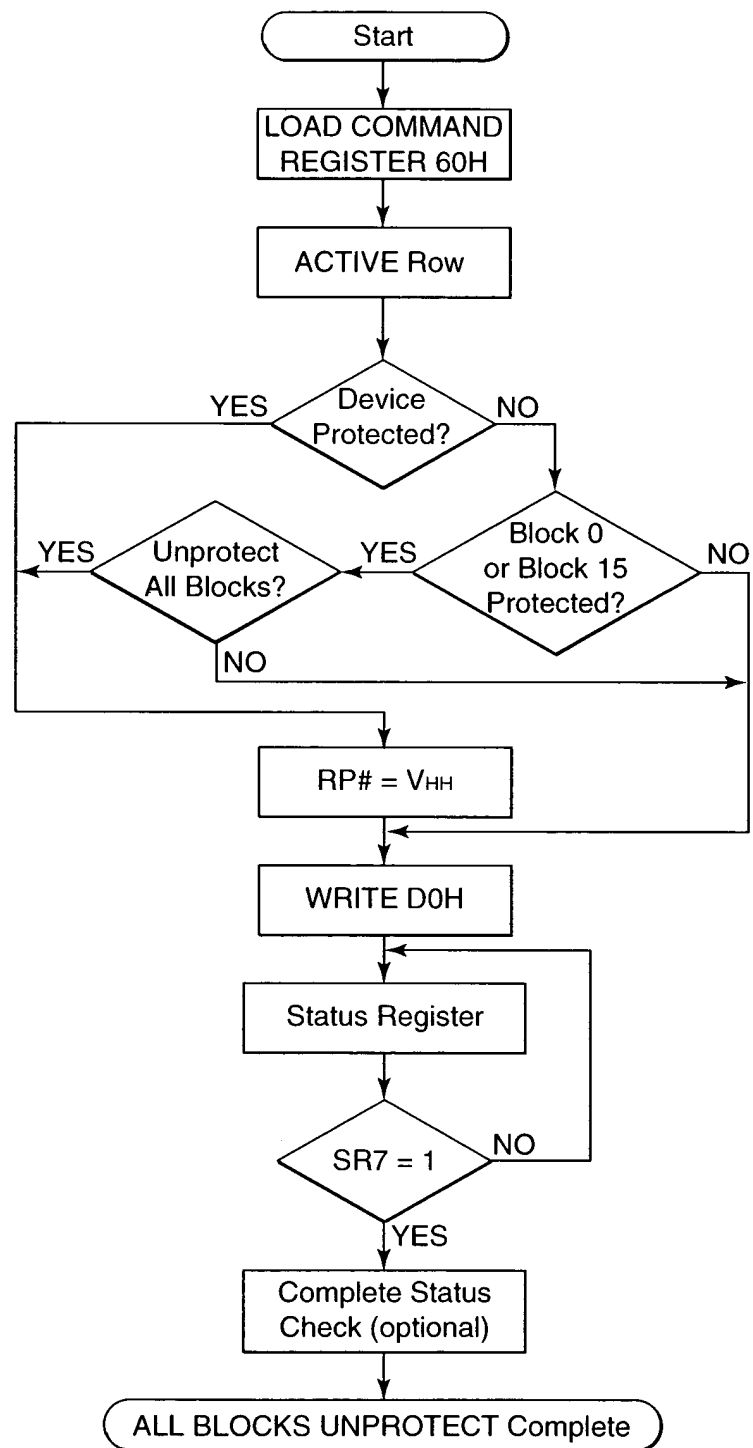
*Fig. 19*

*Fig. 20*



*Fig. 21*

*Fig. 22*

*Fig. 23*

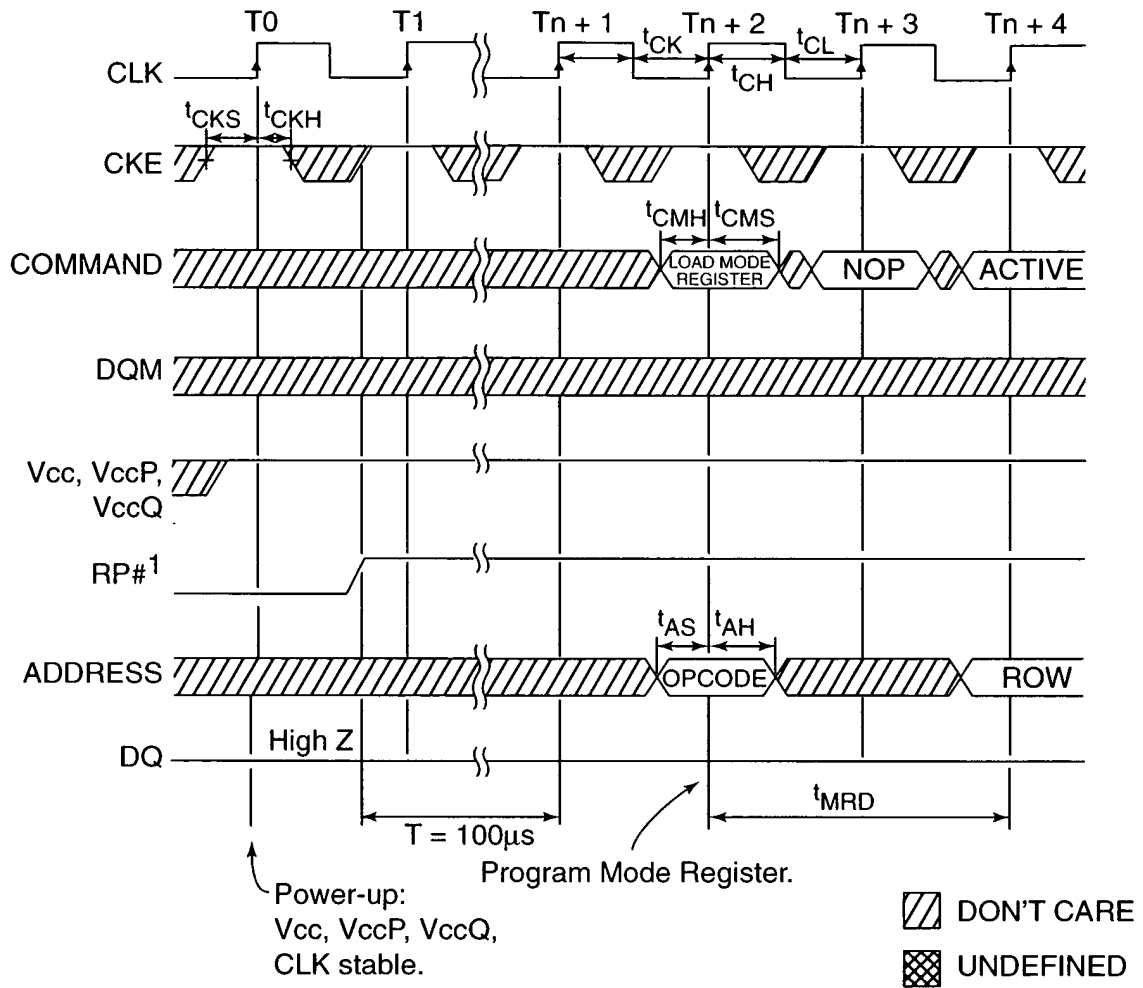


Fig. 24

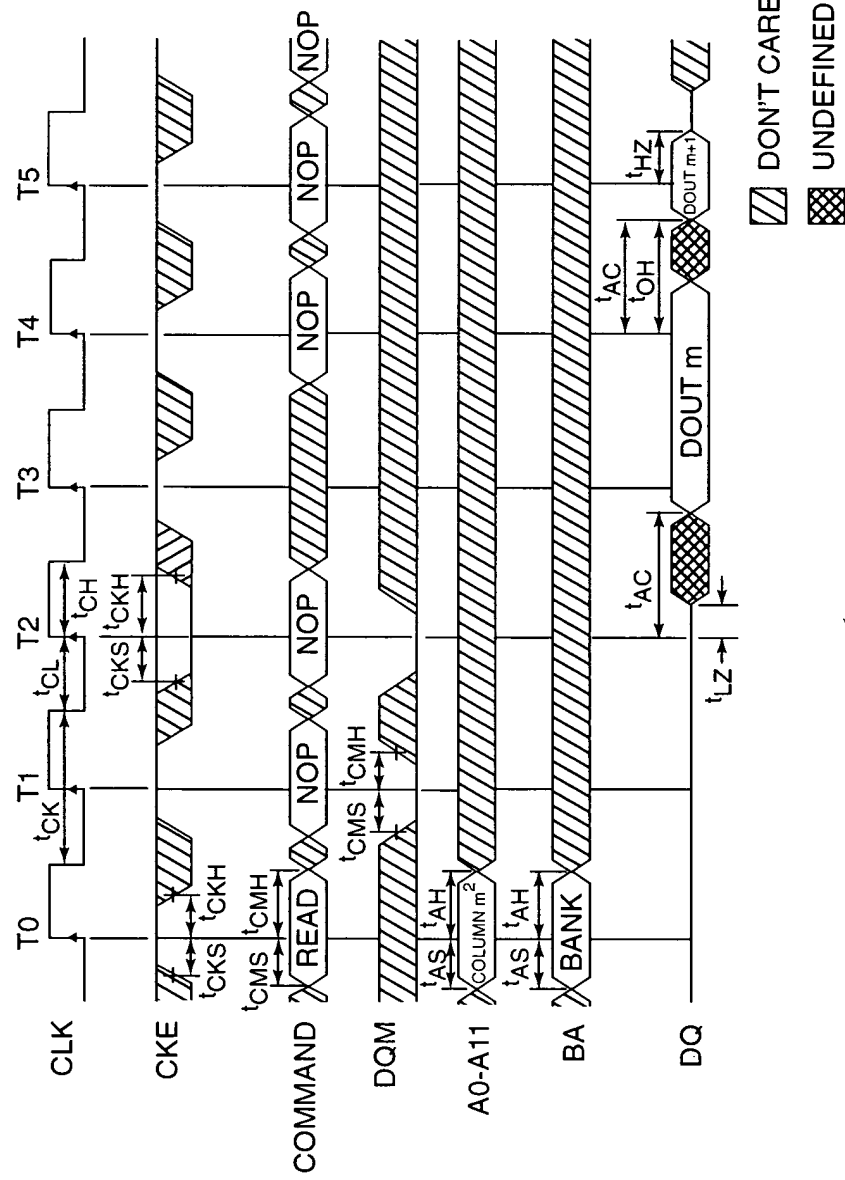


Fig. 25

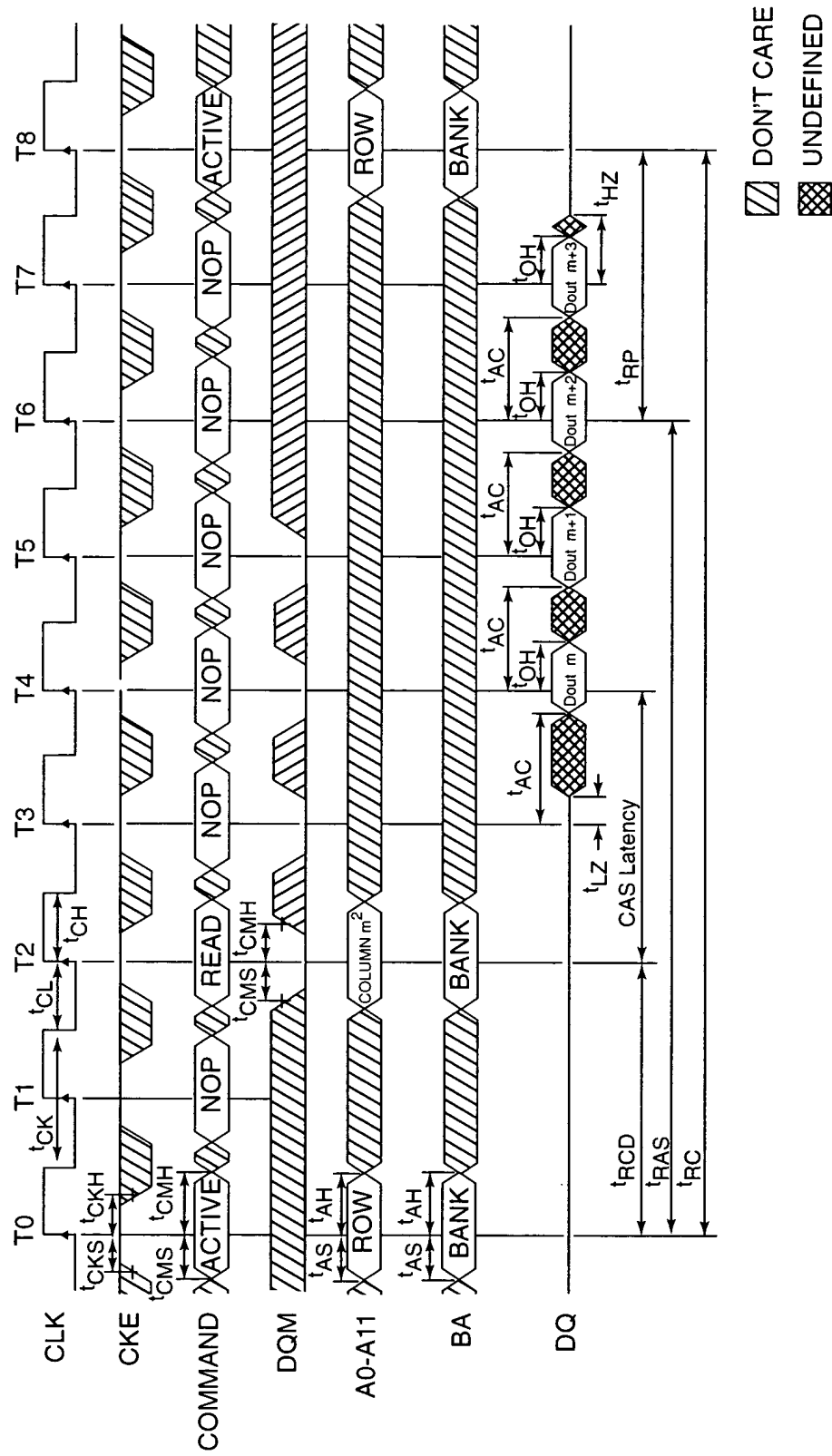


Fig. 26

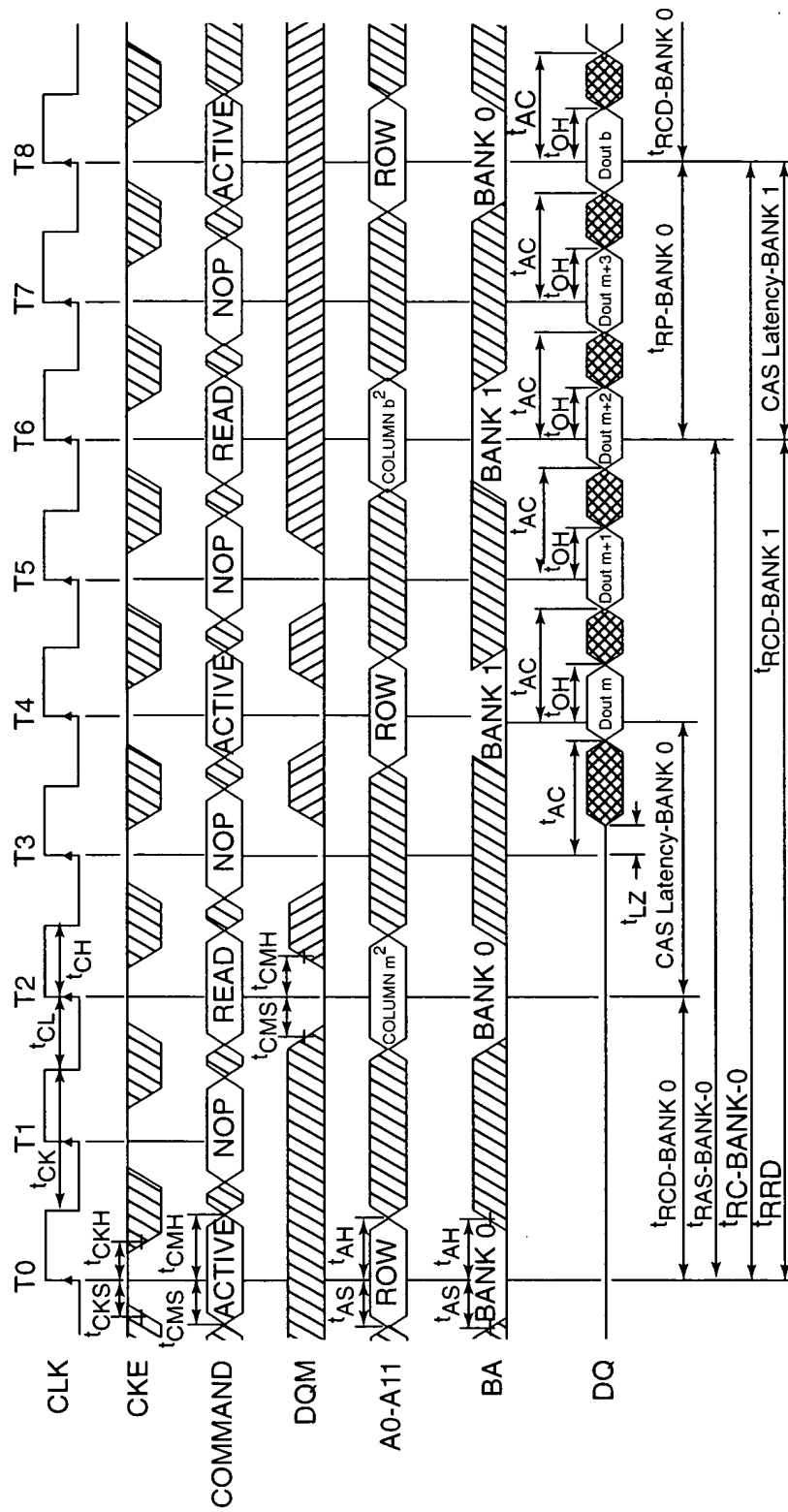


Fig. 27

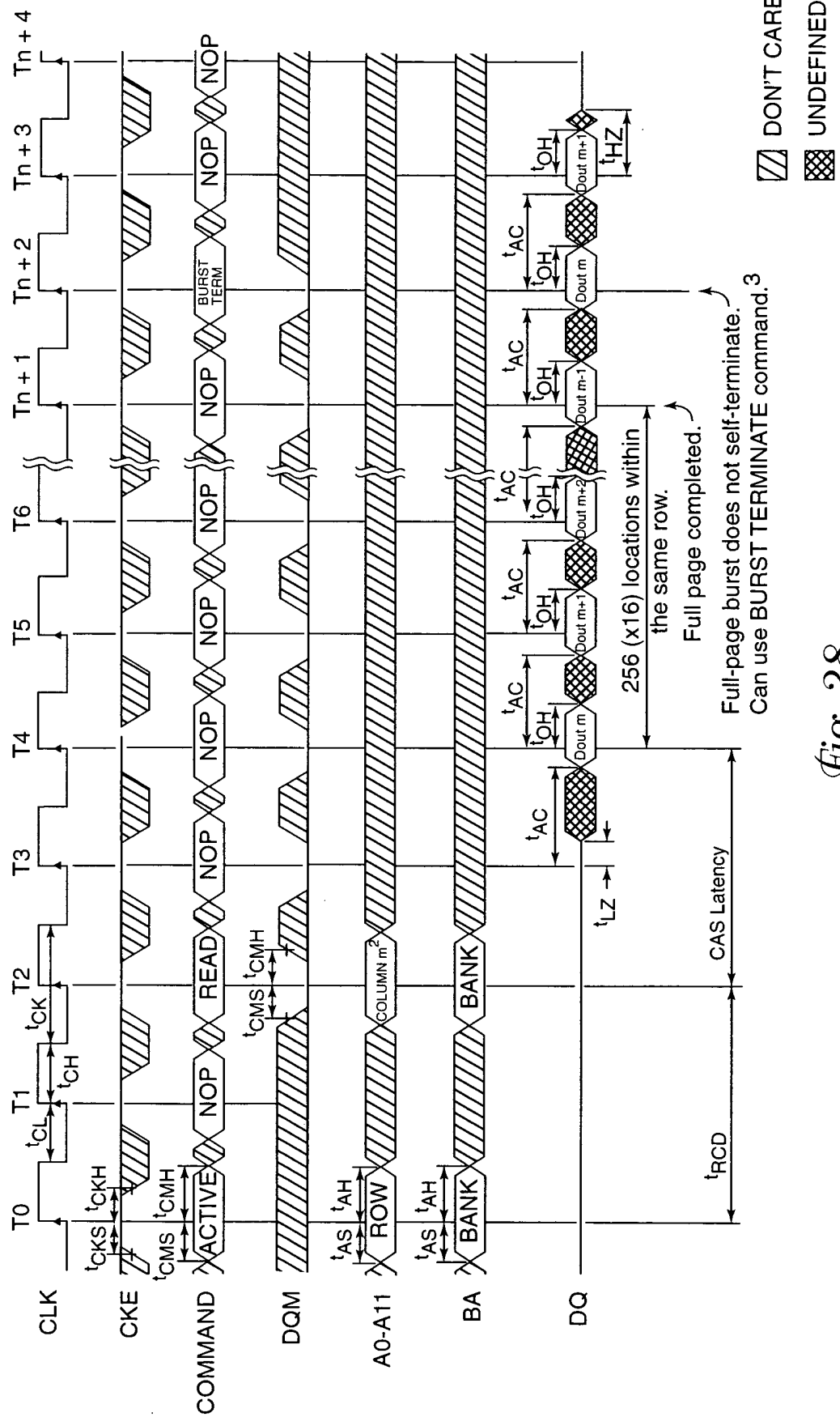


Fig. 28



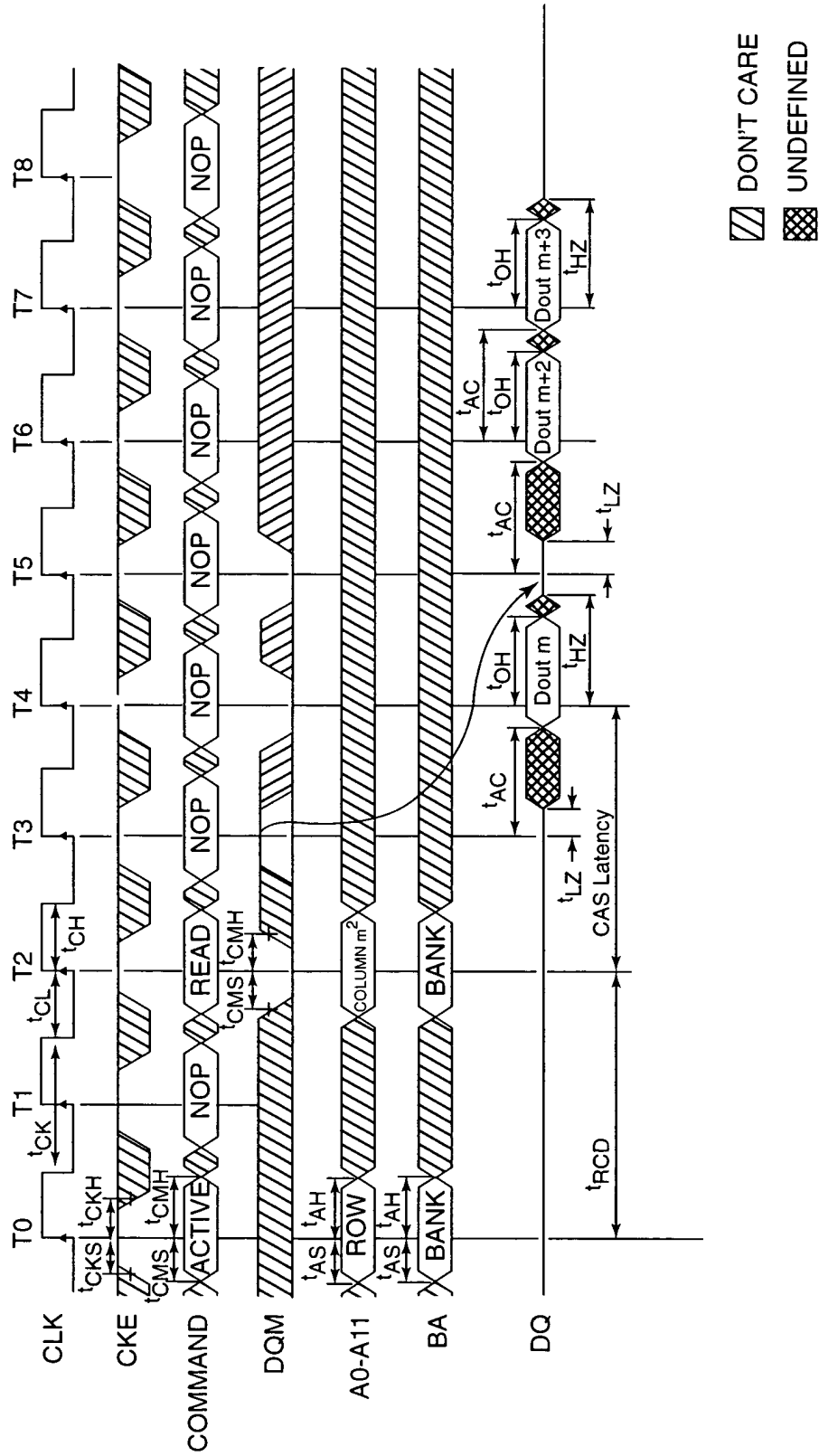


Fig. 29

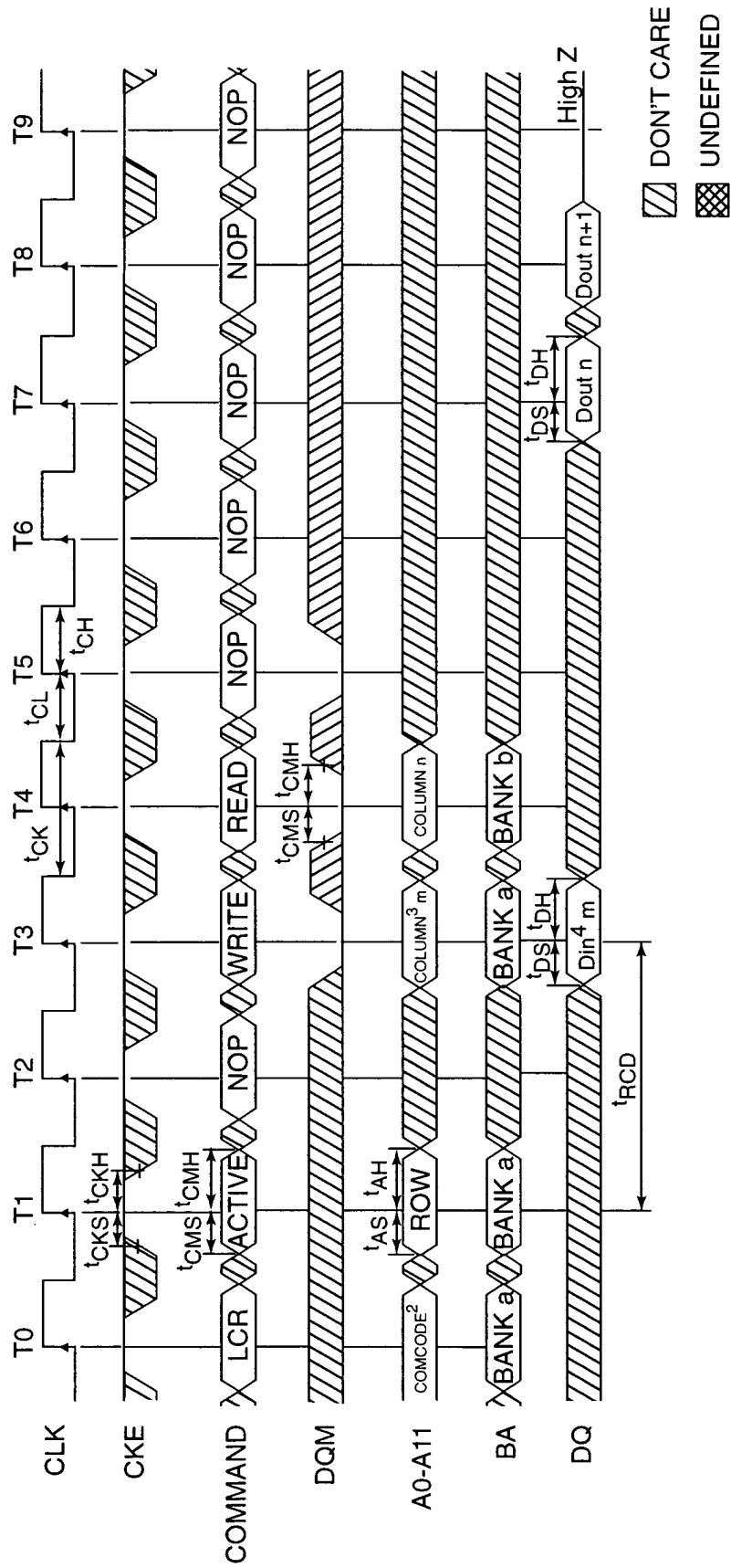


Fig. 30

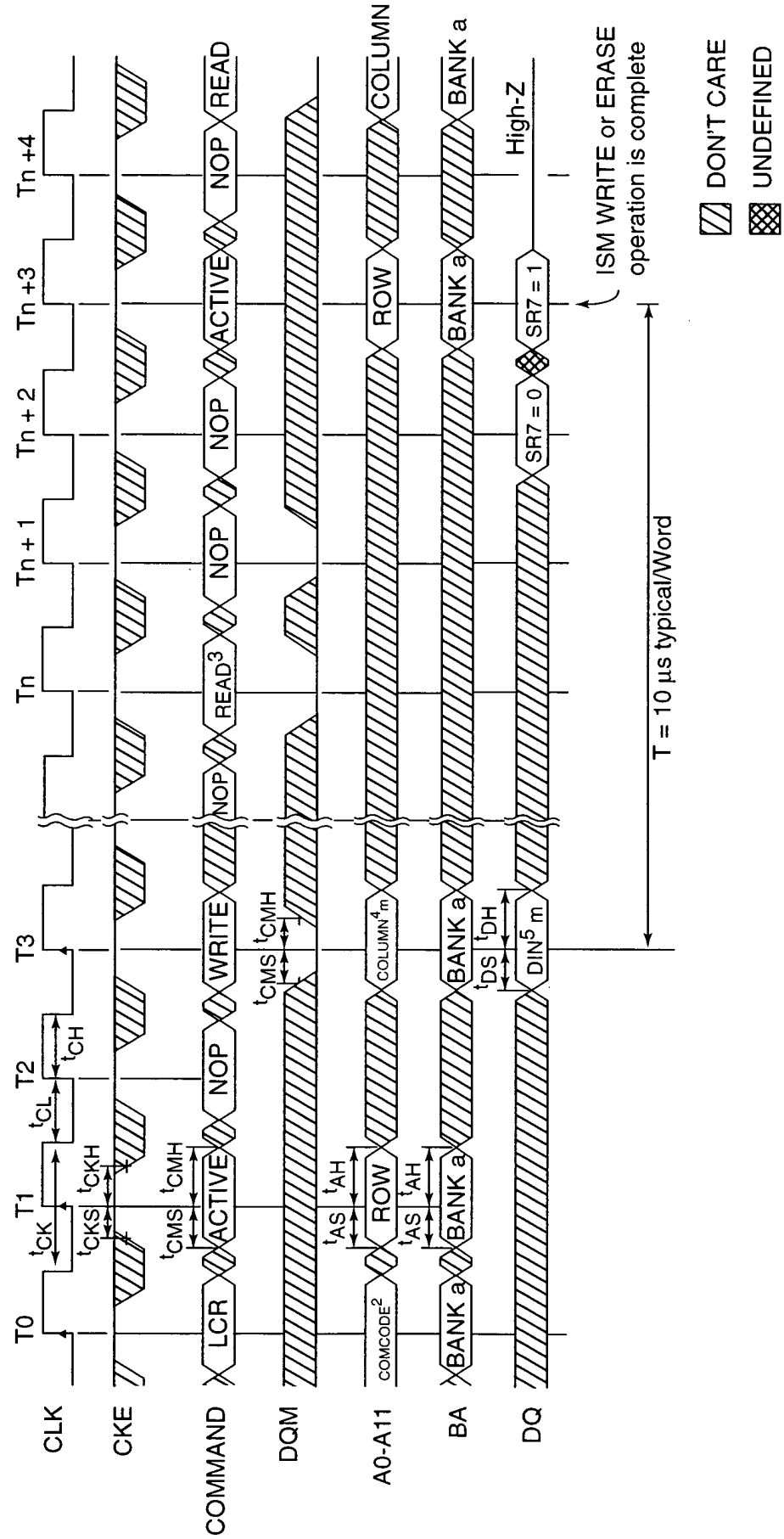
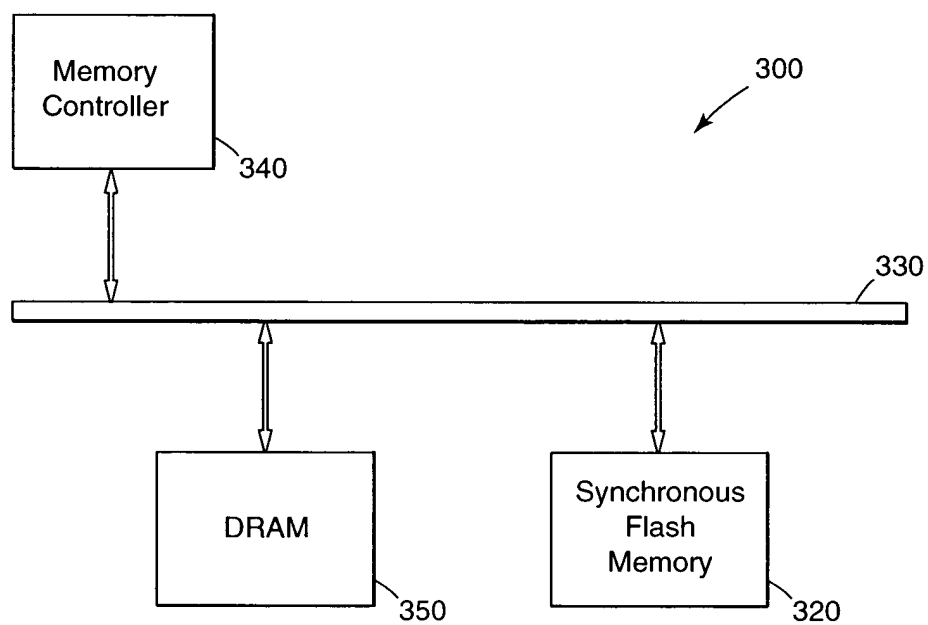


Fig. 31

*Fig. 32*